INDEX

NAMES OF CONTRIBUTORS ARE PRINTED IN SMALL CAPITALS

ADAMS, A. E., Lazzaro Spallanzani, 528
ADOLPH, W. H., Nutrition and Metabolism in China, 39
Agriculture, Development of, W. HOUGH, 304
Alcohol in the Hebrew Bible, D. I. MACHT, 163
Ape, Anthropoid, in South America, F. M. ASHLEY-MONTAGU, 275
ASHLEY-MONTAGU, F. M., A New Anthropoid Ape in South America, 275
Atomism, The Peaceful Penetration of, E. J. WITZEMANN, 363
Aviation, Weather Hazards in, A. MCADIE, 66

BARNES, H. T., Ice Engineering, 289
BEARD, J. H., Student Health Services and Modern Medicine, 371
Bedbugs, Destroying, N. T. LORANDO, 265
BIOLETTI, F. T., Reminiscences of an Amateur Botanist, 333
Biological Stations of Japan, M. F. GUYER, 385
Birthplace of Man, G. S. DUNCAN, 359
Black Beast in Our Education?, A, G. M. STRATTON, 546
Blood Constituents, Effect of Activity and Food on, 287
Bodenstein, Max, Portrait, 479
Bonhoeffer, Karl F., Portrait, 479
Botanical Investigation in Brazil, Argentina, Chile and Peru, The Late J. W. HARSHBERGER, 144
Botanist, Amateur, Reminiscences of, F. T. BIOLETTI, 333
BOWEN, E., A Hypothesis of Population Growth, 249; Paleo-Malthusianism, 538
BOWIE, W., Surveying Instruments, 402
BOYD, T. A., Synthetic Seas, 61
Bridgman's New Vision of Science, A. P. WEISS, 506
British Association in South Africa, 185
Britton, N. L., Portrait, 474; and N. Y. Botanical Garden, 475
BROWN, F. C., The Museum of Science and its Relation to Industry, 340
Brush, Charles Francis, Portrait, 188
Butterfly, American, First Picture of, W. J. HOLLAND, 45

CAJORI, F., Origin and Spread of the Dollar Mark, 212
Carnegie Institution of Washington, 87
Carnegie's Seventh Cruise, W. J. PETERS, 97
Carp, German, An Invited Immigrant, W. M. SMALLWOOD and M. L. SMALLWOOD, 394
CHAPIN, F. S., Growth Curves of Institutions, 79
CHEN, T. T., Before Charles Darwin, 49
Chimpanzee, Captive-born, B. A. WHITE, 558
CLARK, A. H., Dead *versus* Living Men, 255
Climatic Environment of Man in the Tropics, R. DEC. WARD, 137
Columbia University and the Elgin Botanical Gardens, 191
Communication, Principles of, J. MILLS, 53
Consumption Campaign, The Late E. E. SLOSSON, 95
Crystal Analysis, 187
Curie, Mme., and President Hoover, Portraits, 572

DANFORTH, R. E., Tools of Progress, 83
Darwin, Charles, Twenty-five Centuries before, T. T. CHEN, 49; Portrait, 472
Davenport, Chas. B., Portrait, 89
Davy, Sir Humphry, B. HARROW, 447
Dead *versus* Living Men, A. H. CLARK, 255
Disease, Antiquity of, R. L. MOODIE, 193
Dollar Mark, Data on Origin of, F. CAJORI, 212
Down House, Presentation to the British Nation, 473
DUDYCHA, G. J., What is Evolution?, 317
DUNCAN, G. S., The Birthplace of Man, 359

EBBUTT, F., Search for Mineral Deposits, 515
Edison, Mr., in Honor of, 566
Embryology, Experimental, D. H. TENNENT, 117
Entomology, Preventive, H. S. SMITH, 177
Evolution, F. B. SUMNER, 72; G. J. DUDYCHA, 317; The Method of, H. J. MULLER, 481
Experience, Primary, J. H. STOUTEMYER, 417

Fertilizers, New, W. S. LANDIS, 124
FISHER, W. K., Hopkins Marine Station, 298
Fishes, Do they Fall from the Sky with Rain?, E. W. GUDGER, 523
Fishing with the Cormorant in Japan, E. W. GUDGER, 5
Fitting the College to Your Boy and Girl, A. E. WIGGAM, 349
Foster Child, The, P. POPENOE, 243

GILLETTE, J. M., Personal Vocabularies and Cultural Control, 541
GOULD, C. N., Usefulness of the Useless, 440
Growth Curves of Institutions, F. S. CHAPIN, 79
GUDGER, E. W., Fishing with the Cormorant in Japan, 5; How the Laughing Gull Gets its Dinner, 435; Do Fishes Fall from the Sky with Rain?, 523
GUYER, M. F., Biological Stations of Japan, 385

HAGENOW, C. F., Wave Mechanics, 109
HARROW, B., Sir Humphry Davy, 447
HARSHBERGER, J. W., the Late, Facilities in Brazil, Argentina, Chile and Peru for Botanical Investigation and Travel, 144
Harshberger, John William, Portrait, 190
Health Services, Student, and Modern Medicine, J. H. BEARD, 371
HERRICK, G. W., Foreign Insect Pests, 269
HEYL, P. R., Space, Time and Einstein, 230
Holland, Sir Thomas, Portrait, 186
HOLLAND, W. J., The First Picture of an American Butterfly, 45
Hopkins Marine Station, W. K. FISHER, 298
HOUGH, W., Development of Agriculture, 304

Howell, William H., Portrait, 377
HULL, C. L., Hypnotism, 154
Hunt, Reid, Ross G. Harrison and W. H. Howell, Portraits, 379
Hypnotism, C. L. HULL, 154

Ice Engineering, H. T. BARNES, 289
Ideas, Science as a Source of, M. LUCKEISH, 236
Imagination and Science, W. WEAVER, 425
Insect Pests, Foreign, G. W. HERRICK, 269

JASTROW, J., Conflict of Psychologies, 411
Jordan, David Starr, Portrait, 286

LANDIS, W. S., The New Fertilizers, 124
LEVINE, V. E., Sunlight, 551
LINDSAY, R. B., Boundary Conditions in Physics, 465
Loevenhart, Arthur S., Portrait, 94
LORANDO, N. T., Destroying Bedbugs, 265
LUCKEISH, M., Science and Ideas, 236

MCADIE, A., Weather Hazards in Aviation, 66
MACHT, D. I., Alcohol in the Hebrew Bible, 163
Mathematical Deserts and Some of Their Oases, G. A. MILLER, 407
Mechanics, Wave, C. F. HAGENOW, 109
Medicine, Tropical, A. C. REED, 458
Merriam, John C., Portrait, 89
Merrill, Elmer D., Portrait, 476
MILLER, G. A., Mathematical Deserts, 407
MILLS, J., Principles of Communication, 53
Mineral Deposits, Search for, F. EBBUTT, 515
MOODIE, R. L., Antiquity of Disease, 193
Motion Pictures, Earliest, 90
MULLER, H. J., The Method of Evolution, 481
Museum of Science and its Relation to Industry, F. C. BROWN, 340
Muybridge, Eadweard J., Portrait, 91

Nichols, Professor, Award of Frederic Ives Medal, 573
Nicolle, Ch., Portrait, 284
Nutrition and Metabolism, Aspects of, in China, W. H. ADOLPH, 39

Paleo-Malthusianism, E. BOWEN, 538
Pavlov, Ivan, Portrait, 283; and Professor Cushing, Portraits, 378
PETERS, W. J., The Carnegie's Seventh Cruise, 97
Physics, The Significance of Boundary Conditions in, R. B. LINDSAY, 465
Physiological Congress, International, 375
Poisons in Plants, Formation of, R. E. SADTLER, 369
Polanyi, M., Portrait, 479
POPENOE, P., The Foster Child, 243
Population Growth, E. BOWEN, 249
Princeton Chemistry Building, 478
Progress of Science, 87, 185, 281, 375, 473, 566; Tools of, R. E. DANFORTH, 83
Psychologies, Conflict of, J. JASTROW, 411
Psychology, International Congress, 382
Purkinje, Johannes Evangelista, V. ROBINSON, 217

REED, A. C., Tropical Medicine, 458
ROBINSON, V., Johannes Evangelista Purkinje, 217

SADTLER, R. E., Chemistry of Poisons in Plants, 369
Science and Education, W. D. TAIT, 132
SLOSSON, E. E., The Late, Consumption Campaign, 95
SMALLWOOD, W. M., and M. L. SMALLWOOD, The German Carp, 394
SMITH, H. S., Preventive Entomology, 177
Space, Time and Einstein, P. R. HEYL, 230
Spallanzani, Lazzaro, A. E. ADAMS, 528
Stanford, Leland, Portrait, 90
STOUTEMYER, J. H., The Preeminence of Primary Experience, 417
STRATTON, G. M., A Black Beast in Our Education?, 546
SUMNER, F. B., Is Evolution a Continuous or Discontinuous Process?, 72
Sunlight, V. E. LEVINE, 551
Super-sonic Waves, 285
Surveying Instruments, W. BOWIE, 402
Synthetic Seas, T. A. BOYD, 61

TAIT, W. D., Science and Education, 132
TENNENT, D. H., Experimental Embryology, 117

Usefulness of the Useless, C. N. GOULD, 440

Vocabularies, Personal, and Cultural Control, J. M. GILLETTE, 541

WARD, R. DEC., Man and His Climatic Environment in the Tropics, 137
WEAVER, W., Science and Imagination, 425
WEISS, A. P., Bridgman's New Vision of Science, 506
Welch, William H., Portrait, 280; Medical Library and Department of History of Medicine, 281
WHITE, B. A., A Captive-born Chimpanzee, 558
WIGGAM, A. E., Fitting the College to your Boy and Girl, 349
WITZEMANN, E. J., The Peaceful Penetration of Atomism, 363